

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 3218  
Name: American Trading & Prod. Corp.  
Address 7676 Hillmont, Suite 350  
City/State/Zip Houston, TX 77040

Purchaser: \_\_\_\_\_  
Operator Contact Person: Don Garrett  
Phone (713) 460-2355 Ext. 227

Contractor: Name: Vonfeldt Drilling, Inc.  
License: 9431

Wellsite Geologist: Fred Walsh

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
5-2-96 5-6-96 6-9-96  
Spud Date Date Reached TD Completion Date

API NO. 15- 163-232730000  
County Rooks  
S of NE - SE - NE Sec. 32 Twp. 8S Rge. 17W  
1690 Feet from SW (circle one) Line of Section  
330 Feet from EW (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name Stamper E Well # 5  
Field Name Dopita  
Producing Formation \_\_\_\_\_  
Elevation: Ground 1970' KB 1975'  
Total Depth 3450' PBTB \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 1286 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan Att. 1 1-5-98 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 24,000 ppm Fluid volume 340 bbls  
Dewatering method used Allowed to dry and backfill  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter Sec. Twp. S Rng. E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

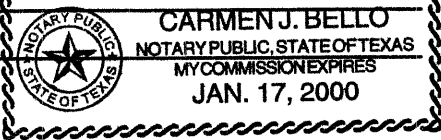
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]  
Title Operations Manager Date June 12, 1996

Subscribed and sworn to before me this 12th day of June, 1996.

Notary Public Carmen J. Bello  
Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Operator Name **AMERICAN** American Trading & Production Corp. Lease Name Stamper "E" Well # 5

Sec. 32 Twp. 8S Rge. 17  East County Rooks  West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

List All E.Logs Run: DIL-Focused  
Z-Densilog/Comp.Neutron  
GR/CAL/Minilog

Name	Top	Datum
Topeka	2865	890
Toronto	3099	1124
Lansing-Kansas City	3118	1143
Marmaton	3349	1374
Arbuckle	3406	1431

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	24	1286'	Lite Standard	330 145	3% CaCl <sub>2</sub> + 1/4#/Sk Floeal
Production	7-7/8	5-1/2	14	3443'	Standard	145	5% Calseal 10% Salt 5#/Gilsonite/Sk

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	3318-33', 3276-86', 3210-20', 3156-61'	8500 Gal 15% HCL NEFE	3318'-3156'

TUBING RECORD Size 2-7/8 Set At 3353 Packer At None Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 6-9-96 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil 38 Bbls. Gas 0 Mcf Water 175 Bbls. Gas-Oil Ratio 34° Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 3156'-3333'

Production Interval  Other (Specify) \_\_\_\_\_

ORIGINAL

DRILLERS WELL LOG

DATE COMMENCED: May 2, 1996  
DATE COMPLETED: May 7, 1996

American Trading & Prod. Corp.  
Stamper E-5  
40' S of NE SE NE Sec. 32-8S-17W  
Rooks County, Kansas

ELEVATION: 1970' G.L.  
1975' K.B.

0 - 165' Shale & Rock  
165 - 885' Sand & Clay  
885 - 1277' Sand & Shale  
1277 - 1317' Anhydrite  
1290 - 1420' Lime & Shale  
1420 - 1940' Red Bed, Sand & Shale  
1940 - 3355' Lime & Shale  
3355 - 3450' Arbuckle  
3450' R.T.D.

FORMATION DATA

Anhydrite	1281'
Base Anhydrite	1317'
Topeka	2865'
Toronto	3099'
Lansing	3118'
Marmaton	3349'
Arbuckle	3406'
R.T.D.	3450'

RECEIVED  
KANSAS CORP  
1996 JUN 11 P 12:19

Surface Pipe: Set 28#, used 8 5/8" pipe @ 1286' with 330 sacks H2C, 3% CC, and 145 sacks Standard, 3% CC.

Production Pipe: Set 14#, used 5 1/2" casing @ 3436' with 145 sacks Common, 5% Cal. Seal, 10% Salt, 5# Gilsonite per sack and 20 bbl. mud flush.

**AFFIDAVIT**

STATE OF KANSAS  
COUNTY OF RUSSELL) ss

Alan Vonfeldt of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Alan Vonfeldt  
Alan Vonfeldt

Subscribed and sworn to before me this 15<sup>th</sup> day of May, 1996.

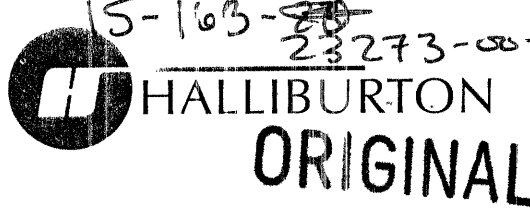
My Commission Expires:

August 30, 1999

Cheryl M. Payne  
Cheryl M. Payne, Notary Public



ORIGINAL  
INVOICE



REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE NO.	DATE
915506	05/06/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
STAMPER "E" 5		ROOKS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
HAYS		VONFOLDT DRILLING	CEMENT PRODUCTION CASING		05/06/1996
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
018800	DAVID FANT			COMPANY TRUCK	08143

AMERICAN TRADING & PROD. CORP  
P. O. BOX 431  
HOLDENVILLE, OK 74848

DIRECT CORRESPONDENCE TO:  
P O BOX 428  
HAYS KS 67601  
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	68	MI	2.85	193.80
		1	UNT		
001-016	CEMENTING CASING	3436	FT	1,500.00	1,500.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	5.5	IN	65.00	65.00
		1	EA		
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	121.00	121.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	110.00	110.00
815.19251					
40	CENTRALIZER-5-1/2 X 7-7/8	8	EA	60.00	480.00
806.60022					
66	CLAMP-LIMIT-5-1/2 HINGED	1	EA	11.00	11.00
806.72030					
018-315	MUD FLUSH	840	GAL	.65	546.00
504-308	CEMENT - STANDARD	145	SK	9.57	1,387.65
509-968	SALT	600	LB	.15	90.00
508-127	CAL SEAL 60	7	SK	25.90	181.30
508-291	GILSONITE BULK	725	LB	.40	290.00
507-775	HALAD-322	102	LB	7.00	714.00
500-207	BULK SERVICE CHARGE	178	CFT	1.35	240.30
500-306	MILEAGE CMTG MAT DEL OR RETURN	267.869	TMI	.95	254.48

INVOICE SUBTOTAL

6,184.53

**RECEIVED**  
MAY 28 1996

DISCOUNT - (BID)  
INVOICE BID AMOUNT

1,963.25-  
4,221.28

\*-KANSAS STATE SALES TAX  
\*-HAYS CITY SALES TAX

126.93  
25.91

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$4,374.12

AFFIX JOB TKT

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

FORM HAL-1900-F

PAGE: 1

CUSTOMER COPY



HALLIBURTON

REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

ORIGINAL

INVOICE NO.	DATE
915506	05/06/1996

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ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
018800	DAVID FANT			COMPANY TRUCK	06143

DIRECT CORRESPONDENCE TO:

AMERICAN TRADING & PROD. CORP  
P.O. BOX 431  
HOLDENVILLE, OK 74848

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HAYS KS 67601  
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		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	5.5	IN	65.00	65.00
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	121.00	121.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	110.00	110.00
815.19251					
40	CENTRALIZER-5-1/2 X 7-7/8	8	EA	60.00	480.00
806.60022					
66	CLAMP-LIMIT-5-1/2 HINGED	1	EA	11.00	11.00
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FORM HAL-1900-F

CUSTOMER COPY

INVOICE



HALLIBURTON ORIGINAL

15-163-23273, 00-00

REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE NO.	DATE
915506	05/06/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
STAMPER "E" 5		ROORS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
HAYS		VONFOLDT DRILLING	CEMENT PRODUCTION CASING		05/06/1996
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
018800	DAVID FANT			COMPANY TRUCK	06143

DIRECT CORRESPONDENCE TO:

AMERICAN TRADING & PROD. CORP  
P. O. BOX 431  
HOLDENVILLE, OK 74848

P O BOX 428  
HAYS KS 67601  
913-625-3431

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815.19251					
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DISCOUNT - (BID)					1,963.25
INVOICE BID AMOUNT					4,221.28
*- KANSAS STATE SALES TAX					126.93
*- HAYS CITY SALES TAX					25.91
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$4,374.12

AFFIX JOB TRK

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FORM HAL-1900-F



**HALLIBURTON**

**HALLIBURTON ENERGY SERVICES**

HAL-1906-N

CHARGE TO: Amoco Testing  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

CUSTOMER COPY

TICKET

No. **915506 - 9**

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>117</u>	WELL/PROJECT NO. <u>#5</u>	LEASE <u>Summit</u>	COUNTY/PARISH <u>Franklin</u>	STATE <u>N</u>	CITY/OFFSHORE LOCATION	DATE <u>5/6/96</u>	OWNER <u>Amoco</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR? <u>Verdeco Drilling</u>	RIG NAME/NO. <u>2-1</u>	SHIPPED VIA <u>CTT</u>	DELIVERED TO <u>Amoco</u>	ORDER NO.
3.	WELL TYPE <u>01</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>037</u>	WELL PERMIT NO.	WELL LOCATION <u>Sec. 32 - 8-11</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>000-117</u>		1			MILEAGE <u>(27.0)</u>	61	mi			2	192 <u>00</u>
<u>001-016</u>		1			<u>Ring Seal</u>	34.6	ft			1,300	45,000 <u>00</u>
<u>030-011</u>		1			<u>5/8" T. Plug</u>	1	ea	5/8"		65	65 <u>00</u>
<u>174</u>	<u>872-215</u>	1			<u>Grade Seal</u>	1	ea			171	171 <u>00</u>
<u>24A</u>	<u>515-19751</u>	1			<u>T. &amp; Filter Valve</u>	1	ea			110	110 <u>00</u>
<u>40</u>	<u>306-60272</u>	1			<u>5/8" Connector</u>	1	ea			60	4,800 <u>00</u>
<u>66</u>	<u>306-77025</u>	1			<u>Exp. Cap. (6-1/2")</u>	1	ea			11	11 <u>00</u>
<u>012-15</u>		1			<u>M.I. H.L.</u>	540	1/2"			155	84,000 <u>00</u>

15-163-23273-00-00

ORIGINAL

<b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, <b>PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY</b> provisions.  MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  <input checked="" type="checkbox"/> DATE SIGNED _____ TIME SIGNED _____ <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.  <input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	<b>SURVEY</b> AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE <input type="checkbox"/>	PAGE TOTAL <u>3,076</u>
	TYPE LOCK _____ DEPTH _____	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? <input type="checkbox"/>	FROM CONTINUATION PAGE(S) <u>3,157</u>
	BEAN SIZE _____ SPACERS _____	WE UNDERSTOOD AND MET YOUR NEEDS? <input type="checkbox"/>	
	TYPE OF EQUALIZING SUB _____ CASING PRESSURE _____	OUR SERVICE WAS PERFORMED WITHOUT DELAY? <input type="checkbox"/>	
TUBING SIZE _____ TUBING PRESSURE _____ WELL DEPTH _____	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? <input type="checkbox"/>	SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>6154</u>	
TREE CONNECTION _____ TYPE VALVE _____	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND	

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
X	<u>[Signature]</u>	<u>[Signature]</u>	<u>0277</u>	



TRK 4444-5070

TICKET CONTINUATION CUSTOMER COPY

TICKET No. 715006

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER American Trading Oil & Gas WELL Stamper DATE 506-96 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-303		1			Standard Cement	145				9 57	1,387 65
509-968		1			Salt	600	1b			15	90 00
508-127		1			Cal Seal	73				25 90	181 30
508-291		1			Gilsonite	723	1b			40	2901 00
507-775		1			Halad-322	102	1b			7 00	XX714.0
500-207		1			SERVICE CHARGE				CUBIC FEET	178	1 35 240 30
500-306		1			MILEAGE CHARGE	TOTAL WEIGHT	19,757	LOADED MILES	34	TON MILES	267.869 95 254 48

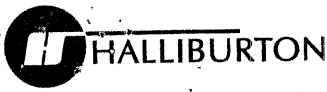
ORIGINAL

15-163-23278-00-02

No. B 302473

CONTINUATION TOTAL 3,157.73





**JOB SUMMARY**

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Mid Continent 15-163-23273-00-00  
Hays, KS  
BILLED ON TICKET NO. 915506

**WELL DATA**

FIELD \_\_\_\_\_ SEC. 32 TWP. 8 RNG. 17 COUNTY Rooks STATE Ks

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC. DATA \_\_\_\_\_ TOTAL DEPTH 3440

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			5 1/2	RB	3436	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**ORIGINAL**

**JOB DATA**

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-6-96</u> TIME <u>1200</u>	DATE <u>5-6-96</u> TIME <u>2100</u>	DATE <u>5-6-96</u> TIME <u>2130</u>	DATE _____ TIME _____

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
FLOAT GOLLAR <u>Insert</u> <u>5 1/2"</u>	<u>1</u>	<u>Halco</u>
FLOAT SHOE		
GUIDE SHOE <u>Reg.</u> <u>5 1/2"</u>	<u>1</u>	<u>Halco</u>
CENTRALIZERS <u>S-4</u> "	<u>8</u>	"
BOTTOM PLUG <u>S-10</u> "	<u>1</u>	"
TOP PLUG		
HEAD		
PACKER		
OTHER <u>Clamp</u> " <u>1</u>		"

**MATERIALS**

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API  
DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API  
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
OTHER \_\_\_\_\_  
OTHER \_\_\_\_\_

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION

DEPARTMENT Prod.  
DESCRIPTION OF JOB Prod. 5 1/2" Long String

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE [Signature]

HALLIBURTON OPERATOR Reg. B. Saylor COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>145</u>	<u>EA-2</u>		<u>B</u>	<u>5% Calceal, 10% Salt, 5" Gil., 34% Hald 332</u>	<u>1.36</u>	<u>15.5</u>

**PRESSURES IN PSI**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_  
HYDRAULIC HORSEPOWER \_\_\_\_\_  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
AVERAGE RATES IN BPM \_\_\_\_\_  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
CEMENT LEFT IN PIPE \_\_\_\_\_  
FEET 28' REASON Shoe Joint

**SUMMARY**

**VOLUMES**

PRESLUSH BBL.-GAL. A 20 TYPE Med Flush  
LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. 83  
CEMENT SLURRY: BBL.-GAL. 35  
TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

**REMARKS**

See Chart + Job Log  
Thank You Roger

CUSTOMER American Leasing  
LEASE Stampers E  
WELL NO. 5  
JOB TYPE Long String  
DATE 5-6-96



S-163-23273-00-00

HALLIBURTON

DATE

5-6-96

PAGE NO.

1

JOB LOG HAL-2013-C

CUSTOMER <i>American Trading</i>	WELL NO. 5	LEASE <i>Stamped</i>	JOB TYPE <i>Long String</i>	TICKET NO. 915506
-------------------------------------	---------------	-------------------------	--------------------------------	----------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

ORIGINAL

1800

Called out

2100

On loc. set up truck

2130

Start 5 1/2" Csg. in hole

Guide Shoe Float Valve no Fillup

Cent. 10' up on shoe joint with clamp

Cent. Next 7 collars

2345

Casey on Bottom circuit

2405

5

20

Pump 20" Mud Flush Reciprocate Csg

2410

35

MIX 145 cts FA-2 cut

5% calcol, 10% salt, 5" Gilsomite,

3/4" Haled-322

2425

Finished mining

wash out pump & line

Release Top plug

83

Displace 83" H<sub>2</sub>O

12:45

1,200

Plug down 1200 psi holding

Release pressure Float held

plug Rat hole 10sk cut

wash & Rack up truck

2200

Job Complete

*1/1000  
400  
Boys*

ORIGINAL

INVOICE



HALLIBURTON ORIGINAL

15-163-23273-00

REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE NO.	DATE
915503	05/03/1996

WELL/LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
STAMPER "E" 5		ROOKS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
HAYS	VONFELT DRILLING	CEMENT SURFACE CASING		05/03/1996	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
018800	DAVID FANT			COMPANY TRUCK	07633

AMERICAN TRADING & PROD. CORP  
P. O. BOX 431  
HOLDENVILLE, OK 74848

DIRECT CORRESPONDENCE TO:  
P O BOX 428  
HAYS KS 67601  
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
<b>PRICING AREA - MID CONTINENT</b>					
000-117	MILEAGE CEMENTING ROUND TRIP	68	MI	2.85	193.80
		1	UNT		
001-016	CEMENTING CASING	1286	FT	1,145.00	1,145.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	8	5/8 IN	130.00	130.00 *
40	CENTRALIZER 8-5/8" X 12.25"	4	EA	72.00	288.00 *
807.93059					
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00 *
815.19502					
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	64.00	64.00 *
815.19415					
66	FASGRIP LIMIT CLAMP 8 5/8"	1	EA	15.00	15.00 *
806.72050					
504-316	CEMENT - HALL. LIGHT STANDARD	330	SK	8.80	2,904.00 *
504-308	CEMENT - STANDARD	145	SK	9.57	1,387.65 *
509-406	ANHYDROUS CALCIUM CHLORIDE	12	SK	36.75	441.00 *
507-210	FLOCELE	83	LB	1.65	136.95 *
500-207	BULK SERVICE CHARGE	504	CFT	1.35	680.40 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	276.641	TMI	.95	262.81 *

INVOICE SUBTOTAL

7,819.61

DISCOUNT- (BID)  
INVOICE BID AMOUNT

2,550.98-  
5,268.63

\*-KANSAS STATE SALES TAX  
\*-HAYS CITY SALES TAX

213.54  
43.59

RECEIVED  
MAY 17 1996

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$5,525.76

AFFIX JOB TKT

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

FORM HAL-1900-F

15-We3-23273-00-00

ORIGINAL

COMPANY NUMBER 23

VOUCHER NUMBER \_\_\_\_\_

G/L DATE 05 /     / 96

VENDOR NUMBER 3740 V

DUE DATE 05 / 31 / 96

GROSS AMOUNT \$     , 5,525 . 76

G&A() LOE() AFE() OTHER()

PROPERTY NAME	AFE #	PROPERTY NUMBER	OBJECT ACCT.	SUB ACCT.	\$ AMOUNT
<u>Stampers E.S</u>	<u>43852</u>	<u>702574</u>	<u>210</u>	<u>010</u>	<u>   </u> , <u>5,525</u> . <u>76</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

GST AMOUNT     . 28.4027 . ITC \_\_\_\_\_

APPROVAL [Signature] DATE 5/1/96 EXPLANATION : 915503

APPROVAL \_\_\_\_\_ DATE 5/1/96 \_\_\_\_\_

ENTERED BY \_\_\_\_\_ DATE 1/1 5.03



**HALLIBURTON ENERGY SERVICES**

HAL-1906-N

CHARGE TO: American Tieding  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No. **915503 - 6**

PAGE 1 OF 2

1. SERVICE LOCATIONS	WELL/PROJECT NO. <u>#5</u>	LEASE <u>Shuman E KANSAS CORP COMM</u>	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO	SHIPPED VIA	DELIVERED TO	ORDER NO
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

15-163-23273-05-05

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
		1		32	MILEAGE	1				193	193
		1		32	Prop Screen	126				1,145	1,145
		1		32	Solid Top Flg	1		87		130	130
40	809 193039	1		35	Solid Control	4		54		216	216
247	815 19502	1		75	Inst. Flt. Well	1		84		194	194
21	512 19415	1		25	Inst. Flt. p. Flg	1		64		64	64
16	809 194056	1		25	Clamp	1		87		13	13

ORIGINAL

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

[Signature] DATE SIGNED  
 TIME SIGNED

A.M.  
 P.M.

do  do not require IPC (Instrument Protection).  Not offered

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

TYPE LOCK DEPTH

BEAN SIZE SPACERS

TYPE OF EQUALIZING SUB CASING PRESSURE

TUBING SIZE TUBING PRESSURE WELL DEPTH

TREE CONNECTION TYPE VALVE

**SURVEY**

AGREE UN-DECIDED DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE?  
 YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	2,005	155
FROM CONTINUATION PAGE(S)	5,312	12
SUB-TOTAL	7,318	136

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	<u>[Signature]</u>	<u>[Signature]</u>	<u>60019</u>	

## TERMS AND CONDITIONS

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, a division of Halliburton Company (hereinafter "Halliburton") agree as follows:

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton.

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

C. RELEASE AND INDEMNITY - CUSTOMER AGREES TO RELEASE HALLIBURTON GROUP FROM ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES WHATSOEVER TO PROPERTY OF ANY KIND OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER AND THOSE PERSONS AND ENTITIES CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT. CUSTOMER ALSO AGREES TO DEFEND, INDEMNIFY, AND HOLD HALLIBURTON GROUP HARMLESS FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, COSTS, EXPENSES, ATTORNEY FEES AND DAMAGES WHATSOEVER FOR PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE AND LOSS RESULTING FROM:

LOSS OF WELL CONTROL; SERVICES TO CONTROL A WILD WELL WHETHER UNDERGROUND OR ABOVE THE SURFACE; RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES OR WATER; SURFACE DAMAGE ARISING FROM UNDERGROUND DAMAGE; DAMAGE TO OR LOSS OF THE WELL BORE; SUBSURFACE TRESPASS OR ANY ACTION IN THE NATURE THEREOF; FIRE; EXPLOSION; SUBSURFACE PRESSURE; RADIOACTIVITY; AND POLLUTION AND ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. WAIVER - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.



TRK 4306-4444-5070

TICKET CONTINUATION CUSTOMER COPY

TICKET No. *1111*

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

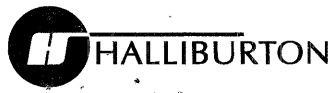
CUSTOMER American Trading Oil & Gas	WELL Brief	DATE 3-3-96	PAGE 2	OF 3
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
504-316		1			Halliburton Light Cement	330				8 80	2,904	00
504-308		1			Standard Cement	145				9 57	1,387	65
509-406		1			Calcium Chlorid	12				36 75	441	00
507-210		1			Floccle	83	1b			1 65	136	85
ORIGINAL												
500-207		1			SERVICE CHARGE				CUBIC FEET	504	1 35	680 40
500-306		1			MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES				
						16,273	34	276.641			95	262 81

15-163-23273-00-02

No. B 302468

CONTINUATION TOTAL	5,812.81
--------------------	----------



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Mid Continent 15-463-28273-00-00  
Haystack, KS  
BILLED ON TICKET NO. 915503

## WELL DATA

FIELD \_\_\_\_\_ SEC. 32 TWP. 8<sup>s</sup> RNG. 17<sup>w</sup> COUNTY Ellis Rock STATE KS

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH 1290'

## JOB DATA

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
	24	8 5/8	RB	1286	

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>Taper</u> <u>8 5/8"</u>	<u>1</u>	<u>Hako</u>
GUIDE SHOE		
CENTRALIZERS <u>S-4</u> <u>8 5/8"</u>	<u>4</u>	<u>Hako</u>
BOTTOM PLUG		
TOP PLUG <u>S-W</u> <u>8 5/8"</u>	<u>1</u>	<u>Hako</u>
HEAD		
PACKER		
OTHER <u>Clamp</u> <u>8 5/8"</u>	<u>1</u>	<u>Hako</u>

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Loggins</u> <u>BO119</u>	<u>33422</u> <u>Backup</u>	<u>Haystack</u>

# ORIGINAL

### MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT Cust

DESCRIPTION OF JOB Cust. 8 5/8" Surface Csg.

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE X Daniel Fort

HALLIBURTON OPERATOR Roger B. Lyfat COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK	MIXED LBS./GAL.
	<u>330</u>	<u>HAC</u>		<u>B</u>	<u>3%CC, 1/4" Flocc</u>	<u>1.83</u>	<u>12.7</u>
	<u>145</u>	<u>Standard</u>		<u>B</u>	<u>3%CC</u>	<u>1.20</u>	<u>15.6</u>

### PRESSURES IN PSI

### SUMMARY

### VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. 90

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 1389

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_ CEMENT LEFT IN PIPE \_\_\_\_\_

FEET 28.65' REASON Shave Joint

### REMARKS

See Chart & Job Log

Thank You, Roger

CUSTOMER American Trading

LEASE Stamps E

WELL NO. # 5

JOB TYPE Surface

DATE 5-3-96



15-163-23273-50-00



**JOB LOG** HAL-2013-C

DATE: 5-3-96 PAGE NO: 14

CUSTOMER: American Tractor WELL NO: #5 LEASE: Stamp E JOB TYPE: Surface TICKET NO: 915503

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1430							Called out
	1610							on loc rig pulling D.P. out
	1655							start 8 1/8" surface csg. in hole
								Insert float valve 4 feet 1 clamp
	18:00							Circulate csg down
	1930							Csg in hole Deep 3 ft
								Circulate with rig pump
	1950	5.5	1075					MLY 330-R. H.L.C. 1/4" Plug, 34.00
			309					145-R Standard 34.00
	2020							Finished mixing Release S-W Top Plug
			80					Displace 40" H <sub>2</sub> O
	2035							Plug down 1,000 psi holding
								Release Perm Float held
								<del>Completed work on rig</del> ✓
								Wash T back up truck
	2100							Job Complete
								Thank you D. J. [unclear]

**ORIGINAL**